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NPIC/TSSG/DED-1719-69

MEMORANDUM FOR: Chief, Production Services Group

SUBJECT: Evaluation Team for Analysis of Concepts for a Scan  
& Search P.I. Station

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1. The Center is in the initial design stage of a Scan & Search P.I. Station with [redacted]. This station would be a rear-projection viewer combined with an integral direct viewing microstereoscope on a small attached light table. The purpose of this station is to facilitate scan and search of large volumes of roll film on a rear projection screen -- yet permitting high resolution, direct viewing of small areas of interest through the microstereoscope.

2. The development project is to be performed in two phases: Phase I is for a complete design of a system in seven months; Phase II is for fabrication and delivery of one complete prototype by March 1971.

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3. Phase I (Design) incorporates two distinct stages: (a) conceptual studies (no detail) of several optional configurations of a station; (b) complete optical, mechanical, and electrical design of the configuration selected by NPIC. Under Phase I(a) (conceptual studies), [redacted] will deliver to NPIC, at the end of July, 1969, the results of these conceptual studies of several potential configurations. These studies will include for each configuration the major technical parameters, the technical risk of success and the approximate costs. NPIC had directed [redacted] to study seven different configurations. The major operational differences between these configurations is their flexibility to accommodate film from one or several collection systems -- the question being how much cost (and risk) is NPIC willing to pay for this operational flexibility?

4. In order that the final selection (of the configuration to be designed and fabricated) reflect all of the concerned Center components, an evaluation team is being formed under the direction of TSSG/DED. It is requested that you appoint a representative from

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your organization to serve on this team. This team will be provided with all of the data from the [redacted] Studies on 28 July and must make a selection by 11 August 1969. For additional information contact the project officer, [redacted]

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[redacted]  
Chief, Technical Services & Support Group  
NPIC

**Distribution:**

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1 - NPIC/TSSG  
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25X1  
NPIC/TSSG/DED/SRB [redacted]

(14 July 69) (50020)

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